LE	'HOME'	ENTERED	AT 19:55:49 ON 13 MAY 2005)
	FILE	'CA' EN	TERED AT 19:55:59 ON 13 MAY 2005
L1		1117 S	CITRACONIC ANHYDRIDE
L2		85745 S	1 AND ALDEHYDE?
L3		25 S	L1 AND ALDEHYDE
L4		0 S	CITRACONIC ADJ ALDEHYDE?
L5		59 S	CITRACONIC AND ALDEHYDE?
L6		0 S	FORMALDEHYDE AND CITRACONYL
L7		45 S	FORMALDEHYDE AND CITRACON?

FILE 'MEDLINE' ENTERED AT 20:20:27 ON 13 MAY 2005

FILE 'BIOSIS' ENTERED AT 20:20:31 ON 13 MAY 2005
L8 3 S FORMALDEHYDE AND CITRACON?

FILE 'MEDLINE' ENTERED AT 20:21:54 ON 13 MAY 2005 L9 4 S FORMALDEHYDE AND CITRACON?

L16 1 S L15 AND ALDEHYDE

FILE 'MEDLINE' ENTERED AT 20:25:05 ON 13 MAY 2005 L17 3 S 2-METHYLMALEIC ANHYDRIDE

FILE 'BIOSIS' ENTERED AT 20:26:24 ON 13 MAY 2005

L18 3 S 2-METHYLMALEIC ANHYDRIDE L19 3 S 2-METHYLMALEIC ANHYDRIDE

L20 0 S L19 AND ALDEHYDE

Index by Molecular Formula

Previous Page

(about this index)

Next Page

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C ₅ H ₄ OS ₄ 208.34 g/mol 74962-29- 1	S S	สา อ	5,6-Dihydro-1,3-dithiolo[4,5-b][1,4] dithiin-2-one; 2,5,7,9-Tetrathiabicyclo(4.3.0)non- 1(6)-en-8-one	III/35d3 2.2. p.19.1
C ₅ H ₄ O ₂ 96.08 g/mol 930-60-9		ଖର	4-cyclopentene-1,3-dione	/14a 2.5.2: <u>596</u> /14a 2.6.3.2: <u>294</u>
C ₅ H ₄ O ₂ 96.08 g/mol 98-01-1		87 ©	furfural; 2-furancarboxaldehyde; furfuraldehyde; furan-2-carboxaldehyde; furan-2-aldehyde; 2-furfuraldehyde; 2-furaldehyde; Furan-2-carbaldehyde	/4 2.5:171a /4 2.6:200a /6 2.5:250 /6 2.8:46 /35d 2.2. p.19.2 /35e 2.2.1:183 /35e 2.2.2:2221 /38b 2.1:2167 V/6 2.1.3:445 V/8a 3.5.2. p.94 V/16 2.1.7:734 V/18b 2.1:1453 V/20b 2.2:662 Mixtures: /38a 3.1:575 V/16 3.1.3:90 V/18a 3.1.3:1210, 1564, 1913
C ₅ H ₄ O ₂ 96.08 g/mol 498-60-2		81 ®	Furan-3-carbaldehyde; furan-3-aldehyde	I <u>I/24b</u> 2.5.2: <u>422</u> I <u>II/35e</u> 2.2.1: <u>184</u>
C ₅ H ₄ O ₂ 96.08 g/mol 504-31-4		81 (S	2H-pyran-2-one; pyran-2-one; α-Pyron; 2-Pyron	/14a 2.5.2: <u>647</u> /14a 2.9.3.2: <u>52</u> /35e 2.2.1: <u>185</u> /38b 2.1: <u>2168</u>
C ₅ H ₄ O ₂ 96.08 g/mol 108-97-4		#1 @	4H-Pyran-4-one; Pyran-4-one; γ-Pyron; 4-Pyron	/14a 2.5.2:646 /14a 2.9.3.2:53 /19b 2.5.2:479 /19c 2.6.4.2:204 /24b 2.5.2:423 /35e 2.2.1:186
C ₅ H ₄ O ₂ S 128.15 g/mol 527-72-0	SCOOH	81®	2-thiophene carboxylic acid; a-thiophenecarboxylic acid; 2-thiophenic acid; 2-thiophenecarboxylic acid; 2-thenoic acid; 2-carboxythiophene; Thiophene-2-carboxylic acid	III/35c2 2.2:42 p.10 IV/20a 3.2:303 IV/20b 2.2:663

C ₅ H ₄ O ₂ S 128.15 g/mol 88-13-1	СООН	8 F 8	Thiophene-3-carboxylic acid; 3-Thiophenecarboxylic acid	III/35e 2.2.1: <u>187</u>
C ₅ H ₄ O ₂ S 128.15 g/mol 40159-76- 0		ଖ ୩ ଡ	1,6-dioxa-6a-thiapentalene	<u> /14a</u> 2.5.2: <u>673</u> <u> /14a</u> 2.6.3.2: <u>337</u>
C ₅ H ₄ O ₂ S ₂ 160.21 g/mol	SH	81 ®	3-Mercapto-thiophene-2-carboxylic acid	lli/35c2 2.2:43 p.10
C ₅ H ₄ O ₂ S ₃ 192.28 g/mol 55526-01- 7	S CH ₃	91 ®	2-Thioxo-[1,3]dithiole-4-carboxylic acid methyl ester; 2-thioxo-(1,3)dithiole-4-carboxylic acid methyl ester	III/35d3 2.2. p. 19.3
C ₅ H ₄ O ₂ Te 223.68 g/mol	те соон	81 B		III/35c4 2.4:3332 p.68
C ₅ H ₄ O ₃ 112.08 g/mol 616-02-4	H ₃ C	87 E)	methyl-maleic acid anhydride; 3-methyl-furan-2,5-dione; Citraconic anhydride	III/38b 2.1:2169 IV/18b 2.1:1454 IV/20b 2.2:664
C ₅ H ₄ O ₃ 112.08 g/mol 88-14-2	Соон	81 ®	Furancarbonylic acid; Furan-2-carboxylic acid; 2-Furancarboxylic acid	III/35c2 2.2:44 p. 10 IV/20b 2.2:665
C ₅ H ₄ O ₃ 112.08 g/mol	CH ₂	e: :	3-Methylene-dihydro-furan-2,5- dione	III/35e 2.2.1: <u>188</u>
C ₅ H ₄ O ₃ 112.08 g/mol 488-93-7	СООН	81 (5)	Furan-3-carboxylic acid; 3-Furancarboxylic acid	<u>III/35c2 2.2:45</u> р. 10
C ₅ H ₄ S ₂ 128.22 g/mol			4H-thiopyran-4-thione	/14a 2.5.2: <u>648</u> /14a 2.6.3.2: <u>319</u> /19b 2.5.2: <u>480</u> /19c 2.6.4.2: <u>205</u>

1120-94-1	s=\s\s	ei (e		
C ₅ H ₅ ArN 119.05 g/mol	Ar	ଶ୍ର	argon-pyridine (1/1)	<u> /19b</u> 2.5.2: <u>481</u> <u> /19c</u> 2.7.4.2: <u>170</u> <u> /24b</u> 2.5.2: <u>424</u>
C ₅ H ₅ Ar ₂ N 159.00 g/mol	N Ar Ar	61 ©	Pyridine - Argon (1/2); Pyridine - Argon 1/2	<u>II/24b</u> 2.5.2: <u>425</u>
C ₅ H ₅ As 140.02 g/mol 289-31-6	As	୫ ୮ ଡ	arsabenzene	/14a 2.5.2: <u>750</u> /14a 2.6.3.2: <u>360</u> /14a 2.7.3.2: <u>146</u>

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
<u>L1</u>	1	methyl-maleic and aldehyde	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 20:46
L2	65	Furan-3-carboxylic and aldehyde	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 20:48
L3	0	4H-thiopyran-4thione and aldehyde	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 20:48
L4	0	3-mercapto-thiophene-2-carboxylic and aldehyde	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 20:49
L5	0	6-dioxa-6a-thiapentalene and aldehyde	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 20:49
L6	169	thiophene-3-carboxylic and aldehyde	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 20:50

(FILE 'HOME' ENTERED AT 20:54:33 ON 13 MAY 2005)

FILE 'MEDLINE' ENTERED AT 20:54:49 ON 13 MAY 2005

	FILE 'CA' ENTERED AT 20:54:54 ON 13 MAY 2005
L1	0 S 4H-THIOPYRAN-4THIONE AND ALDEHYDE
L2	6 S METHYL-MALEIC AND ALDEHYDE
L3	0 S 3-MERCAPTO-THIOPHENE-2-CARBOXYLIC AND ALDEHYDE
L4	0 S 3-MERCAPTO-THIOPHENE-2-CARBOXYLIC? AND ALDEHYDE
L5	0 S 6-DIXA-6ATHIAPENTALENE AND ALDEHYDE
L6	0 S 6-DIOXA-6ATHIAPENTALENE AND ALDEHYDE
L7	6 S FURAN-3-CARBOXYLIC AND ALDEHYDE
L8	0 S FURANCARBONYLIC AND ALDEHYDE
L9	1 S ARSABENZENE AND ALDEHYDE

L1 0 S 4H-THIOPYRAN-4THIONE AND ALDEHYDE L2 6 S METHYL-MALEIC AND ALDEHYDE L3 0 S 3-MERCAPTO-THIOPHENE-2-CARBOXYLIC AND ALDEHYDE L4 0 S 3-MERCAPTO-THIOPHENE-2-CARBOXYLIC? AND ALDEHYDE L5 0 S 6-DIXA-6ATHIAPENTALENE AND ALDEHYDE L6 0 S 6-DIOXA-6ATHIAPENTALENE AND ALDEHYDE L7 6 S FURAN-3-CARBOXYLIC AND ALDEHYDE L8 0 S FURANCARBONYLIC AND ALDEHYDE L9 1 S ARSABENZENE AND ALDEHYDE L9 1 S ARSABENZENE AND ALDEHYDE E "EC 4.1.2-"/BI,RN 25 L10 151 S E19
L3 0 S 3-MERCAPTO-THIOPHENE-2-CARBOXYLIC AND ALDEHYDE L4 0 S 3-MERCAPTO-THIOPHENE-2-CARBOXYLIC? AND ALDEHYDE L5 0 S 6-DIXA-6ATHIAPENTALENE AND ALDEHYDE L6 0 S 6-DIOXA-6ATHIAPENTALENE AND ALDEHYDE L7 6 S FURAN-3-CARBOXYLIC AND ALDEHYDE L8 0 S FURANCARBONYLIC AND ALDEHYDE L9 1 S ARSABENZENE AND ALDEHYDE E "EC 4.1.2-"/BI,RN 25
L4 0 S 3-MERCAPTO-THIOPHENE-2-CARBOXYLIC? AND ALDEHYDE L5 0 S 6-DIXA-6ATHIAPENTALENE AND ALDEHYDE L6 0 S 6-DIOXA-6ATHIAPENTALENE AND ALDEHYDE L7 6 S FURAN-3-CARBOXYLIC AND ALDEHYDE L8 0 S FURANCARBONYLIC AND ALDEHYDE L9 1 S ARSABENZENE AND ALDEHYDE E "EC 4.1.2-"/BI,RN 25
L5 0 S 6-DIXA-6ATHIAPENTALENE AND ALDEHYDE L6 0 S 6-DIOXA-6ATHIAPENTALENE AND ALDEHYDE L7 6 S FURAN-3-CARBOXYLIC AND ALDEHYDE L8 0 S FURANCARBONYLIC AND ALDEHYDE L9 1 S ARSABENZENE AND ALDEHYDE E "EC 4.1.2-"/BI,RN 25
L6 0 S 6-DIOXA-6ATHIAPENTALENE AND ALDEHYDE L7 6 S FURAN-3-CARBOXYLIC AND ALDEHYDE L8 0 S FURANCARBONYLIC AND ALDEHYDE L9 1 S ARSABENZENE AND ALDEHYDE E "EC 4.1.2-"/BI,RN 25
L7 6 S FURAN-3-CARBOXYLIC AND ALDEHYDE L8 0 S FURANCARBONYLIC AND ALDEHYDE L9 1 S ARSABENZENE AND ALDEHYDE E "EC 4.1.2-"/BI,RN 25
L8 0 S FURANCARBONYLIC AND ALDEHYDE L9 1 S ARSABENZENE AND ALDEHYDE E "EC 4.1.2-"/BI,RN 25
L9 1 S ARSABENZENE AND ALDEHYDE E "EC 4.1.2-"/BI,RN 25
E "EC 4.1.2-"/BI,RN 25
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L10 151 S E19
L11 82307 S E2
L12 840 S L11 AND ALDEHYDE
L13 16 S L12 AND REVERSE
L14 20 S E38
L15 0 S L14 AND ALDEHYDE

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